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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/758,332

01/15/2004

Mutsuko Nichogi

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07/24/2007

RATNERPRESTIA

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VALLEY FORGE, PA 19482-0980

EXAMINER

SAJOUS, WESNER

ART UNIT

PAPER NUMBER

2628

MAIL DATE

DELIVERY MODE

07/24/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/758,332

Applicant(s)

NICHOGI ET AL.

Examiner

Sajous Wesner

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16-23 is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 1/15/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. Claim 18 is objected to because of the following informalities: in line 3 of claim 18, the Applicant is suggested to replace "lest" with –least-. Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
3. Claims 1-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, the limitation "changes a size of an image ... by the combination of image processing methods the parameters of which are adjusted..." in lines 11-13 lacks clarity and conciseness, because the wording does not make clear to which part of the preceding phrase "the combination of image processing methods" or "an image obtained..." the limitation is referred to for adjustment, thereby rendering it overly difficult to determine the relevant subject-matter.

Independent claims 8 and 15 are rejected under the same rationale set forth above for claim 1.

Claims 2-7, 9-14 contain the problem of claims 1, 8 and 14, by dependence; they are, therefore, rejected for the same reason as claims 1, and 8.

Art Unit: 2628

As a consequence, a full examination - with respect to the requirements of 35 USC 102 and 35 USC 103 - cannot be carried out on the basis of the present claims. The applicant is requested to file an amended set of claims, which complies with PTO practice. Failure to do so, or to submit convincing arguments as to why the current set of claims does in fact comply with these provisions, will lead to a Final Rejection.

Allowable Subject Matter

4. Claims 16-25 are allowed.

Reasons For Indicating Allowable Subject Matters

5. The prior art of record teaches storing image data of different size, format, and resolution as a file, with a name indicating the content of the image is used as a file name, and performing resizing conversion on a selected file image. See paragraphs 85 and 109 of US patent publication number 20030184803. However, the prior art of record fail to teach an image processing system comprises a content considering resizing unit selecting a combination of image processing methods for the image according to a content description file containing information including a material contained in the image, an object distance contained in the image, and a usage of the

image; deciding parameters of the selected combination of image processing methods

using a target image size of the image and the content description file; and changing a

size of an image obtained after image processing by the combination of image

processing methods for which the parameters are adjusted into the target image size

(as recited in claim 16). In addition, the prior art fail to teach an information display

device comprising: a terminal characteristics database for accumulating

terminal characteristics which are information including a manufacturer, a product

number, numbers of pixels in height and width, a resolution, color characteristics, and a

useable format; and an information transmitter receiver unit for transmitting the terminal

characteristics, the terminal ambient environment conditions, and the image demand

signal and receiving the demanded image which is adapted for the display unit in

accordance with the terminal characteristics and the terminal ambient environment

conditions (as recited in claim 17). Furthermore, the prior art fail to disclose a delivery

unit to which an image demand signal, terminal characteristics, and terminal ambient

environment conditions are input; a processing database accumulating a combination of

image processing methods decided in accordance with the terminal characteristics and

the terminal ambient environment conditions; a color management unit for converting

the demanded image into a color space independent from the image input unit

Art Unit: 2628

and the display unit in accordance with a color management profile and, further, converts the demanded image after applying the combination of image processing methods into a color space of the display unit; a content considering resizing unit for deciding a changed image size in accordance with a resolution and numbers of pixels in height and width of the display unit, selecting the combination of image processing methods in accordance with a content description file, deciding parameters of the combination of image processing methods in accordance with a size of the demanded image and the content description file, applying the image processing methods the parameters of which are adjusted to the demanded image of the independent color space, and changing the demanded image after applying the combination of image processing methods into the changed image size; and

a transcoding unit for converting the demanded image after performing the conversion into the color space of the display unit and the combination of image processing methods into a usable format, wherein the delivery unit outputs the demanded image after performing the conversion into the color space of the display unit and the combination of image processing methods (as recited in claim 23). Moreover, the prior art fail to teach an information processor comprising: a delivery unit to which an image demand signal, terminal characteristics, and terminal ambient environment conditions are input; an image processing database for accumulating a plurality of images with each of which a content description file and a color management profile are stored and outputting a demanded image indicated by the image demand signal; a processing database accumulating a combination of image processing methods decided in

accordance with the terminal characteristics and the terminal ambient environment conditions; an image conversion unit for selecting a combination of image processing methods for the demanded image read out from the image database in accordance with the terminal characteristics, deciding parameters of the combination of image processing methods in accordance with the terminal ambient environment conditions and the content description file, and applying the image processing methods the parameters of which are adjusted to the demanded image; and a transcoding unit for converting the demanded image after applying the combination of image processing methods into a usable format, wherein the delivery unit outputs the demanded image after the conversion into the usable format (as recited in claim 25).

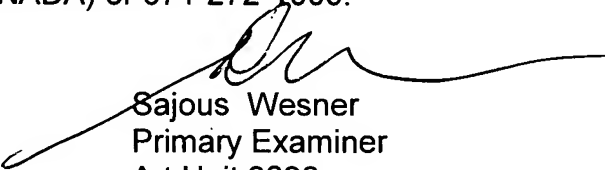
Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure are as recited in the PTO-892 form.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sajous Wesner whose telephone number is 571-272-7791. The examiner can normally be reached on M-F 9:15-6:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached on 571-272-7664. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Sajous Wesner
Primary Examiner
Art Unit 2628

WS
7/21/07